PUBLIC HEALTH DATASETS

1. NEIBOURHOOD PROFILING

Neighbourhood statistics

http://neighbourhood.statistics.gov.uk/dissemination/Download1.do

Site includes local census information available at various levels including postcode / super output area / ward / local authority / PCT of choice. Site includes Census population statistics, births, standardised mortality ratios (SMRs), teenage conception rates, congenital malformations and synthetic healthy lifestyle indicators.

Tip: if you can't find a dataset you think should be available, try browsing by topic first, then choose your geographical area of interest.

Community Health Profiles

http://www.communityhealthprofiles.info/

Concise four page summaries of local health indicators for every PCT/local authority in England, produced by the regional public health observatories. Profiles are updated annually and designed to show where there are problems relating to health or health inequalities.

Audit Commission area profiles

http://www.areaprofiles.auditcommission.gov.uk/(5qfuxq55kvto0k24euf0ycuh)/StaticPage.aspx?info=25&menu=56

Area profiling aims to help councils and their partners in Local Strategic Partnerships (LSPs) and to central government and national agencies.

Index of Multiple Deprivation (IMD)

http://www.communities.gov.uk/index.asp?id=1128445#P200_14232

The Index of Multiple Deprivation 2004 (IMD 2004) was published by the Office of the Deputy Prime Minister in September 2004. It is a measure of multiple deprivation at small area level down to Super Output Area (SOA) of which there are 32,482 in England. The index is made up of seven domain indices at SOA level: Income Deprivation, Employment Deprivation, Health Deprivation and Disability, Education Skills and Training Deprivation, Barriers to Housing and Services, Living Environment Deprivation, Crime in addition to two supplementary Indices - Income Deprivation Affecting Children and Income Deprivation Affecting Older People. The overall IMD is a weighted area level aggregation of the dimensions of deprivation.

2. LIFE STYLE DATA

Health Survey for England (HSE)

http://www.dh.gov.uk/PublicationsAndStatistics/PublishedSurvey/HealthSurveyForEngland/fs/en
Annual survey commissioned by the Department of Health designed to provide regular information on various aspects of the nation's health including alcohol and tobacco use. All surveys covered the adult population aged 16 and over living in private households in England with children included every year since 1995.

General Household Survey (GHS)

http://www.statistics.gov.uk/StatBase/Product.asp?vlnk=5756
An inter-departmental multi-purpose continuous survey carried out by the ONS collecting information on a range of topics from people living in private households in Great Britain. The survey has run continuously since 1971, except for breaks in 1997/8 (when the survey was reviewed) and 1999/2000 when it was re-developed.
This large annual survey contains questions on education, employment, health and lifestyle (including alcohol and tobacco use)

Synthetic Estimates of Healthy Lifestyle Behaviours

http://www.dh.gov.uk/PublicationsAndStatistics/Statistics/StatisticalWorkAreas/StatisticalWorkAreaNeighbourhood/StatisticalNeighbourhoodArticle/fs/en?CONTENT_ID=4116713&chk=PZuiSK
Synthetic estimates with 95% Confidence Intervals using 2000-2002 data from the Health Survey for England, the 2001 Census and other information, at the 2003 Census Area Statistics ward and Primary Care Organisation geographic level for: prevalence of current smoking; obesity of adults; binge drinking for adults; consumption of 5 or more portions of fruit and vegetables a day (adults); consumption of 3 or more portions of fruit and vegetables day (children).

Smoking, alcohol and drug use statistics

http://www.dh.gov.uk/PublicationsAndStatistics/Statistics/StatisticalWorkAreas/StatisticalPublicHealth/StatisticalPublicHealthArticle/fs/en?CONTENT_ID=4032542&chk=GhPZ%2By
Data collated on the Department of Health website.

Other Surveys

http://www.dh.gov.uk/PublicationsAndStatistics/PublishedSurvey/ListOfSurveySince1990/fs/en
This link gives information on general, lifestyle, health issues and mental health surveys since 1990, in addition to, but not including, the National Surveys of NHS Patients and the Health Survey for England.

3. HEALTH SERVICE ACTIVITY DATA

Hospital Episode Statistics (HESonline)

http://www.hesonline.nhs.uk/Ease/servlet/ContentServer?siteID=1937&categoryID=537

HES is the national statistical data warehouse of the care provided by NHS hospitals and for NHS hospital patients treated elsewhere. HES is the data source for a wide range of healthcare analysis for the NHS, government and many other organisations and individuals.

Hospital Activity Statistics

http://www.performance.doh.gov.uk/hospitalactivity/

Statistics by financial year on bed availability and occupancy, A&E, outpatient activity and other activity for England, by region and by organisation.

NHS Data Dictionary

http://www.connectingforhealth.nhs.uk/datastandards

Full definitions of published data items, including guidance for data suppliers.

Quality and Outcomes Framework (QOF) statistics

http://www.ic.nhs.uk/services/qof/data/

General Practice (GP) data recorded under the nGMS contract. It shows how well each practice is doing measured against national achievement targets and allows GP practices to analyse the data they collect about the number of services and the quality of care they deliver, such as maternity services or chronic disease management clinics. Collected data includes number of registered patients, disease prevalence and clinical indicator data at practice level.

General Practice Research Database

http://www.gprd.com/

The largest computerised database of anonymised patient data from general practice. Holds information collected from GPs on: demographics, medical symptoms, therapy, treatment outcomes, events leading to withdrawal of a drug or treatment, referrals, laboratory tests, pathology results, lifestyle factors, patient registration, practice and consultation details.

Healthcare Resource Groups (HRG) data

http://www.hesonline.org.uk/Ease/servlet/ContentServer?siteID=1937&categoryID=206

HRGs are used to group hospital episodes according to the diagnosis or treatment given, including emergency and elective activity. HRGs are used to estimate cost of treatment for block contracting. HRG version 3.5 is currently used.

4. Health protection

Health Protection agency
http://www.hpa.org.uk/
Its role is to provide an integrated approach to protecting UK public health through the provision of support and advice to the NHS, local authorities, emergency services, other arms length bodies, the Department of Health and devolved administrations. Established as a special health authority in 2003.

Immunisation statistics
http://www.dh.gov.uk/PublicationsAndStatistics/Statistics/StatisticalWorkAreas/StatisticalHealthCare/StatisticalHealthCareArticle/fs/en?CONTENT_ID=4086491&chk=LUyYGS
Collated on the Department of Health website, including summarized COVER statistics.

Infection Report Archives
http://www.hpa.org.uk/cdr/archives/infect_rep_Arch.htm
Carried on the Health Protection Agency (HPA) website, include HIV and other STI, vaccine-preventable, enteric, and respiratory infection rates.

5. Occupational health statistics

http://www.hse.gov.uk/statistics/index.htm
Health and Safety Executive (HSE) statistics website provides information on work-related morbidity and mortality.

6. Disease Registers

Cancer Registration
Thames Cancer Registry (for London)
http://www.thames-cancer-reg.org.uk/
The national cancer registration system attempts to record data on all those diagnosed in order to provide direct and indirect measures of incidence, mortality and survival. Most registries hold a vast amount of data including treatment, tumour stage, site and histological types of lesion, consultant and place of death and over time have been extended to include analyses of prevention, treatment and care. Notification is voluntary but registries in England and Wales achieve over 90% ascertainment and contribute data on population-based incidence to the national cancer registration system at ONS.

7. Confidential Inquiries

Deaths in a number of special categories are examined through the 'Confidential Enquiry' process. Anonymised information from case notes and reports on those who died are examined by panels of appropriate professionals to assess whether the death was due to avoidable factors and to identify ways of improving the quality of care. NICE assumed responsibility for commissioning and funding the programme in 1999. There are three confidential enquiries as follows:

Confidential Enquiry into Maternal and Child Health (CEMACH)
http://www.cemach.org.uk/
National Confidential Enquiry into Patient Outcome and Death (NCEPOD)
http://www.ncepod.org.uk/
Confidential Inquiry into Suicide and Homicide by People with Mental Illness (CISH)
http://www.national-confidential-inquiry.ac.uk/nci/index.cfm

8. National Census

2001 Census
http://www.statistics.gov.uk/census2001/census2001.asp
A survey every ten years of all people and households in the country. It provides information from national to neighbourhood level for government, business and the individual.

1991 Census
http://census.ac.uk/cdu/datasets/

9. Online Libraries and Centres for Reviews

National Library for Health
http://www.library.nhs.uk/Default.aspx
Aims: to deliver a modern, equitable library service to all NHS staff; extend NHS library services to patients and the public; built around user needs; integrate library services with NPfIT and other services; simplify access arrangements; reach NHS staff.

H I L O - Health Information for London Online
http://www.hilo.nhs.uk/
Site provides knowledge access to health care information, 24 hours a day, 7 days a week. KA24 gives anyone working for or with the NHS in London and the South-East access to full text journals and major healthcare databases from any Internet or NHSnet terminal, whether at home, clinic, workplace, library or Internet cafe.

Centre for Reviews and Dissemination (CRD)
http://www.york.ac.uk/inst/crd/crddatabases.htm
Aims to provide research-based information about the effects of interventions used in health and social care. CRD works closely with a number of other health, social research and information organisations plus international networks such as the Cochrane and Campbell Collaborations.

The Cochrane Library
http://www3.interscience.wiley.com/cgi-bin/mrwhome/106568753/HOME?CRETRY=1&SRETRY=0
The Cochrane Library contains high-quality, independent evidence to inform healthcare decision-making. It includes reliable evidence from Cochrane and other systematic reviews, clinical trials, and more. Cochrane reviews bring you the combined results of the world's best medical research studies, and are recognised as the gold standard in evidence-based health care.

10. National General Resources

Office of National Statistics (ONS)
http://www.statistics.gov.uk/CCI/SearchRes.asp?term=1991+census&x=15&y=11
UK-wide statistics on just about anything, including lots of health indicators and population statistics.

National Centre for Health Outcomes Development (NCHOD)
NHSnet version http://nww.nchod.nhs.uk/ General version www.nchod.nhs.uk
Formerly Public Health Common Data Set. It includes comparative data for 700 health and local government organisations in England and advice on how to measure health and impact of health care. Site provides an extensive collection of datasets and links to external sets, covering a wide range of mortality, morbidity, incidence and hospital activity indicators.

Health Observatories
http://www.lho.org.uk/Default.aspx
London Health Observatory is part of a network of nine Regional Public Health Observatories (PHOs) in England and covers the 7.3 million people that live in Greater London. The PHOs work in partnership with practitioners, researchers, regional and local health policymakers and the voluntary sector. Their role encompasses: monitoring health, healthcare and disease trends and highlight areas for action; identifying gaps in health information; advising on methods for health and health inequality impact assessments; drawing together information from different sources in new ways to improve health; carrying out projects to highlight particular health issues; evaluating progress by local agencies in improving health and reducing inequality; and looking ahead to give early warning of future public health problems.

Department of Health (DH)
http://www.dh.gov.uk/PublicationsAndStatistics/Statistics/StatisticalWorkAreas/fs/en
Site provides statistics carried directly on the site, and collated links to data carried elsewhere. Includes community care services, NHS staff, and screening data among others.

Information Centre for Health and Social Care
http://www.ic.nhs.uk/
Created in April 2005 out of the former NHS Information Authority and the Department of Health Statistics Unit. It aims to be the leader in collecting, analysing and distributing facts and figures for the various health and social care communities in the UK. Site provides access to multitude of datasets, including stop smoking (smoking cessation) service, and immunisation statistics

Directory of Clinical Databases
http://www.lshtm.ac.uk/docdat/page.php?t=index
A free information resource for those involved in clinical audit, clinical governance, health services management, health services research, research funding, and academic publishing.

National Statistics – Health Statistics Quarterly
http://www.statistics.gov.uk/statbase/Product.asp?vlnk=6725&More=N
Site contains a digest of health statistics published quarterly by ONS.

Healthcare Commission
http://www.healthcarecommission.org.uk/
The healthcare Commission is the health watchdog for England who check that healthcare services are meeting standards in a range of areas, including safety, cleanliness and waiting times. It has a statutory duty to assess the performance of healthcare organisations, award annual performance ratings for the NHS and coordinate reviews of healthcare by others. Website includes data from patient and staff surveys on NHS care.

Scottish Health Statistics
http://www.isdscotland.org/
Statistics from north of the border.

NHS Wales Health statistics
http://www.wales.nhs.uk/page.cfm?pid=739
Welsh health statistics.